

Spill Prevention - Best Available Technology Analysis**FY2003 Request:****\$250,000****Reference No:****35723****AP/AL:** Appropriation**Category:** Health/Safety**Location:** Statewide**Election District:** Statewide**Estimated Project Dates:** 07/01/2002 - 06/30/2004**Project Type:** Health and Safety**Recipient:** Statewide**Contact:** Larry Dietrick**Contact Phone:** (907)465-5250**Brief Summary and Statement of Need:**

This project provides funding for a review and appraisal by the department of oil spill prevention and response technologies applied worldwide to ensure that proven new technologies are considered for use by regulated operators in Alaska. The department's review and appraisal of emerging technologies, such as well control and enhanced fast-water containment boom, will include appropriate studies, surveys and analyses, and the sponsorship of a technology conference to provide the opportunity for interested parties to present data on these technologies. The department will issue its findings and allow interested parties to submit comments prior to adopting new technologies under 18 AAC 75.447.

Funding:

	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	Total
Oil/Haz Fd	\$250,000						\$250,000
Total:	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Total Operating Impact:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Prior Funding History / Additional Information:

No prior funding.

Spill Prevention Best Available Technology Review - \$250,000

This project funds a review of best available oil spill prevention and response technologies, pursuant to 18 AAC 75.447. To assure that proven new technologies are considered for use in oil discharge prevention and contingency plans, the department is required to review and appraise technology applied at other locations in the United States and the world that represent alternatives to the technologies used by plan holders. The use of best available technology (BAT) is an important factor in the department's evaluation of contingency plans, which are required for oil terminals, pipelines, tank vessels and barges, railroads, refineries, nontank vessels, and exploration and production facilities.

The department's review includes an evaluation of available technologies worldwide in order to ensure that contingency plans reflect the current state of advanced technology. The department is required to conduct this review and appraisal in cooperation with persons, organizations, and groups with interests and expertise in relevant technologies. The review is to include studies, inquiries, surveys, or analyses the department believes are appropriate to the consideration of these new technologies, and the sponsorship of a technology conference to be held at least every five years.

The BAT review will identify the status of existing technologies in use as well as technologies that may be considered superior to those currently in use. The department will use this information to develop and issue written findings which will identify oil discharge prevention, containment, control or cleanup technologies that represent best available technology for Alaska. The department will also identify specific operations, geographical locations, or physical environments where the technology could be applied.

The BAT review will focus on alternative technologies to a relief well for well blowout control, and improved leak detection systems. Findings will assist industry and the public by providing an awareness of additional technology options appropriate to Alaska's environment.